ELSEVIER

Global and Planetary Change 11 (1996) 223

GLOBAL AND PLANETARY CHANGE

# Contents Volume 11, 1995/1996

*Research Papers*

Cyclic and secular variation in microfossil biomineralization: clues to the biogeochemical evolution of Phanerozoic oceans
R.E. Martin . . . . . 1

Higher UV radiation inferred from low ozone levels at northern mid-latitudes in 1992 and 1993
U. Feister and R. Grewe . . . . . 25

Paleoclimatic significance of Late Quaternary eolian deposition on the Piedmont and High Plains, Central United States
S.L. Forman, R. Oglesby, V. Markgraf and T. Stafford . . . . . 35

Resolution of ground temperature histories inverted from borehole temperature data
H. Beltrami and J.-C. Mareschal . . . . . 57

Paleoproductivity of the Indian Ocean during the Tertiary Period
W.G. Siesser . . . . . 71

*Book Review*

*Palaeoclimates and Their Modelling* by J.R.L. Allen et al.—L.A. Frakes . . . . . 89

Announcements . . . . . 91

*Regular Research Papers*

The Australian summer monsoon: CSIRO9 GCM simulations for $1 \times CO_2$ and $2 \times CO_2$ conditions
R. Suppiah . . . . . 95

Climate changes of the last millennium inferred from borehole temperatures: Results from the Czech Republic—Part I
L. Bodri and V. Čermák . . . . . 111

Records of climatic change in the Canadian Arctic: towards calibrating oxygen isotope data with geothermal data
H. Beltrami and A.E. Taylor . . . . . 127

*Book Review*

*The Physics of Glaciers* by W.S.B. Paterson—T.J. Hughes . . . . . 139

*Regular Research Papers*

A sensitivity study of changes in Earth's rotation rate with an atmospheric general circulation model
G.S. Jenkins . . . . . 141

The relation between productivity and temperature in the Pliocene North Atlantic at the onset of northern hemisphere glaciation: a palynological study
G.J.M. Versteegh, H. Brinkhuis, H. Visscher and K.A.F. Zonneveld . . . . . 155

The policy relevance of global environmental change research
B. Yarnal . . . . . 167

**Special Section: Human Dimensions of Climate Change. Edited by D. Liverman**

Integrated regional assessment of global climatic change: lessons from the Mackenzie Basin Impact Study (MBIS)
S.J. Cohen . . . . . 179

Economics, ethics, and climate policy: framing the debate
R.B. Howarth and P.A. Monahan . . . . . 187

Multisector economic models for analyzing global climate change
A. Rose . . . . . 201